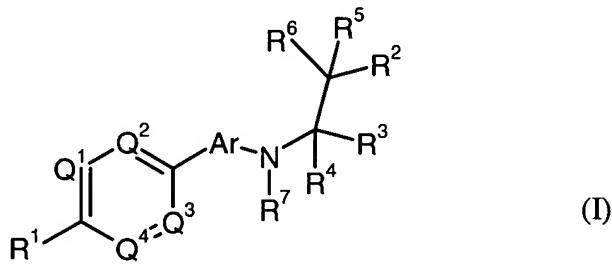


**Amendments to the Abstract:**

Please replace the abstract with the following rewritten abstract

The present invention relates to phenyl or heteroaryl amino alkane derivatives of formula (I)



in which the groups Q<sup>1</sup>-Q<sup>4</sup>, Ar, and R<sup>1</sup>-R<sup>7</sup> are as defined in the specification and claims. These materials which are useful as an active ingredient ingredients of pharmaceutical preparations. The phenyl or heteroaryl amino alkanes of the present invention have IP receptor antagonistic activity, and can be used for the prophylaxis and treatment of diseases associated with IP receptor antagonistic activity. Such diseases include urological diseases or ~~disorder~~ disorders as follows: bladder outlet obstruction, overactive bladder, urinary incontinence, detrusor hyper-reflexia, detrusor instability, reduced bladder capacity, frequency of micturition, urge incontinence, stress incontinence, bladder hyperreactivity, benign prostatic hypertrophy (BPH), prostatitis, urinary frequency, nocturia, urinary urgency, pelvic hypersensitivity, urethritis, pelvic pain syndrome, prostatodynia, cystitis, or idiopathic bladder hypersensitivity. The compounds of the present invention are also useful for treatment of pain including, but not limited to inflammatory pain, neuropathic pain, acute pain, chronic pain, dental pain, premenstrual pain, visceral pain, headaches, and the like; hypotension; hemophilia and hemorrhage; and inflammation, since the these diseases also is are alleviated by treatment with an IP receptor antagonist. The application claims the compounds, pharmaceutical compositions containing them, and methods of treatment using them.